

APPENDIX B
PENDING AND AMENDED CLAIMS

17. (New) An isolated polynucleotide which encodes MTase comprising a nucleotide sequence that hybridizes under stringent conditions to an exon of SEQ ID NO:1, wherein the exon is selected from the group consisting of exon 4, exon 5, exon 6, exon 7, and exon 8 as shown in Figure 1.

18. (New) The isolated polynucleotide of claim 17, wherein the exon is exon 4.

19. (New) The isolated polynucleotide of claim 17, wherein the exon is exon 5.

20. (New) The isolated polynucleotide of claim 17, wherein the exon is exon 6.

21. (New) The isolated polynucleotide of claim 17, wherein the exon is exon 7.

22. (New) The isolated polynucleotide of claim 17, wherein the exon is exon 8.